

Notice of Allowability

Application No.

09/977,526

Examiner

Lawrence Shrader

Applicant(s)

ALLISON, DAVID S.

Art Unit

2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE/amendment filed on 8/15/2005.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

RD

DETAILED ACTION

1. This action is responsive to the Applicant's RCE/Amendment filed on August 15, 2005.
2. Claims 1 – 27 are allowed.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Prior art of record, taken either singly and/or in combination, does not teach or disclose a method as recited in independent claim 1, a computer program as recited in claim 17, or a lexical analyzer as recited in claim 19 with the following features:

Converting source code into tokens, obtaining one or more entries wherein the entries are used to generate a subset of tokens and at least one of the entries *is dynamically added at runtime to recognize one or more reserved words or operators.*

The closest prior art is Fridman, U.S. Patent 5,926,814, which discloses converting a software program into tokens by obtaining one or more entries from a Lexic dictionary, but does not disclose the entries dynamically added at runtime to recognize one or more reserved words or operators.

Thus all remaining dependent claims 2 – 9; 11 – 18; and 20 – 27 are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Examiner's Amendment

4. An examiner's amendment to the record appears below. Should the change and/or additions be unacceptable to the Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert Lord, Reg. No 46479 on 13 September 2005. The application has been amended as follows:

5. In the claims:

In claim 1, change the following statements:

From:

"wherein said entries [may be] used to generate a subset..."

Change to:

"wherein said entries are used to generate a subset..."

Art Unit: 2193

From:

“wherein at least one of said entries is added at runtime.”

Change to:

“wherein at least one of said entries is added at runtime to recognize one or more reserved words or operators.”

In claim 10, change the following statements:

From:

“wherein said entries [may be] used to generate a subset of said plurality of tokens.”

Change to:

“wherein said entries are used to generate a subset of said plurality of tokens, and”

From:

“wherein at least one of said entries is added at runtime.”

Change to:

“wherein at least one of said entries is added at runtime to recognize one or more reserved words or operators.”

In claim 19, change the following statements:

From:

Art Unit: 2193

“a source program analyzer;”

Change to:

“a source program analyzer; and”

From:

“wherein said entries [may be] used to generate a subset of said plurality of tokens.”

Change to:

“wherein said entries are used to generate a subset of said plurality of tokens, and”

From:

“wherein at least one of said entries is added at runtime.”

Change to:

“wherein at least one of said entries is added at runtime to recognize one or more reserved words or operators.”

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence Shrader whose telephone number is (571) 272-3734.

The examiner can normally be reached on M-F 08:00-16:30.

Art Unit: 2193

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kakali Chaki

Lawrence Shrader
Examiner
Art Unit 2193

14 September 2005

KAKALI CHAKI
SUPERVISOR, PATENT EXAMINER
TECHNOLOGY CENTER 2100